

Claims.

1. A puller comprising elements A and B that are joined about a pivot axis to form a pliers-type puller tool with a pair of jaws to one side of the pivot axis and a pair of handles to an opposite side of said pivot axis, each of said jaws having a tip at a distal end, away from said pivot axis, and the pliers-type puller is adapted to open and close said jaws by moving said handles toward, or away from, a pull-push axis extending perpendicularly to said pivot axis, respectively, the improvement comprising:

- a tooth at the tip of the distal end of the jaws of element A; and
- a first accommodation space in jaw A, following said tip, toward said pivot axis.

2. The puller of claim **1** where said tooth and said first accommodation space are created by including a channel in jaw A, perpendicularly to said pull-push axis, said channel being positioned a selected distance C away from said distal end of said one of the jaws.

3. The puller of claim **2** where said channel has a generally even depth of approximately 0.04 inches, and said distance C is less than said depth.

4. The puller of claim **8** where said channel is U-shaped.

5. The puller of claim **1** where said first accommodation space is adapted to accommodate wings of a coupler element.

6. The puller of claim **1** where said jaws of elements A and B are constructed to form a second accommodation space between said jaws, which second accommodation space extends along said push-pull axis toward said pivot axis for a preselected distance, where said second accommodation space is of sufficient girth -- even when said jaws are at the most closed position -- to accommodate at least a selected length of a plug, and a length D of a signal-carrying conductor extending from said plug, where said length D corresponds to a radius of convenient curvature of said signal-carrying conductor.

7. The puller of claim **8** where said conductor is optical or electrical.

8. The puller of claim **6** where said conductor is optical, and said plug includes a sleeve surrounding said conductor of a given length, and said selected length of said plug includes said given length of said sleeve.

9. The puller of claim **1** where

the handle of element A comprises a first segment that is substantially parallel to said push-pull axis and extends from said pivot axis for a selected distance X, followed by a first grip segment that is angled away from said push-pull axis and extends for a distance sufficient to accommodate at least the forefinger of a hand that has a v-shaped space between the forefinger and the thumb of the hand; and

the handle of element B comprises first segment that is substantially parallel to said push-pull axis and extends from said pivot axis for a selected distance of more than X, followed by a grip segment that is angled toward said first grip segment and extends for a distance sufficient to engage said v-shaped space of a hand having its forefinger engaged with said first grip segment.

10. The puller of claim **1** where the tip of the jaw of element B extends from said pivot axis a distance that is shorter than distance fo said tooth from said pivot axis.

11. The puller of claim **1** where said tip of the jaw of element B includes a portion that is un-smooth, which portion engages a plug that is being removed by said puller.

12. The puller of claim **1** where said tip of the jaw of element B includes a tooth.

13. The puller of claim **1** where said tooth and said accommodation space are realized in said jaw of element A by means of an extension that is attached to said element A.